

KY Valid Course List Agriculture Education

HOW TO USE THIS DOCUMENT

This document contains a listing of course descriptions and parameters along with certifications that fit the parameters for a given course. The grade range and population information listed for each course are not absolute. Please choose the course that most closely represents the students in a given course.

EXAMPLE

John Q Middle School had 5th, 6th, and 7th grade students taking a Creative Art course. This course would be linked to course number **500711: Creative Art – Comprehensive**, which shows with a recommended grade range of 6th – 12th.

The courses listed in this document are not meant to replace the course titles and course numbers already in use at the school level. Schools will link their courses in the STI Valid Course List to courses listed in this document.

Schools may have created courses that are very unique in order to meet students' needs. If a course does not meet the definition or content of one contained in this document, please use course number **909999: School Defined Course**, and code the correct content through the LEAD report.

CERTIFICATIONS

It is important to note that the certificates listed are the ones that fit *ALL* of the parameters for a specific course – there may be other certificates that can teach it with slightly more restrictive parameters.

It is very important to note that not all of the certificates listed under a specific course will meet the Highly Qualified Teacher standards as defined by The No Child Left Behind Act of 2001. Please refer to the Highly Qualified guidance documents located on the Education Professional Standards Board (EPSB) website at <http://www.kyepsb.net/nclb.asp>.

In addition to Highly Qualified considerations, please take note of the following information from ***The Program of Studies for Kentucky Schools Primary-12*** with regard to middle school courses that are offered for high school credit.

High School Credit Earned in Middle School

It is expected that most students will earn these credits during their high school years. However, local school districts may offer these courses to middle level students if the following criteria are met:

- the content and the rigor of the course is the same as established in the *Program of Studies*
- the students demonstrate mastery of the middle level content as specified in the *Program of Studies*
- the district has criteria in place to make reasonable determination that the middle level student is capable of success in the high school course
- **the middle level course is taught by teachers with either secondary or middle level certification with appropriate content specialization**

Although middle level courses list the Provisional and Standard Elementary Certificates, Grades 1-8 as allowable under the parameters of these courses, they will not meet the above requirements for courses that are offered for high school credit.

This document is a guide; therefore the EPSB disclaims any warranties as to the validity of the information in this document. Users of this document are responsible for verifying information received through cross-referencing the official record in the EPSB's Division of Certification. The EPSB shall not be liable to the recipient, or to any third party using this document or information obtained therefrom, for any damages whatsoever arising out of the use of this document.

Please contact Robin Chandler in KDE's Division of Curriculum at 502-564-2106 with any questions on content and curricula.

Please contact EPSB's Division of Certification at 502-564-4606 with any questions on credentials or permissions.

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Agricultural Education Program Area (010000)

This program area consists of courses that prepare students for successful careers and a life time of informed choices in the global food, fiber, and natural resources system.

Agriculture - Agribusiness (010100)

Career Major- A group of courses that prepare individuals in agribusiness, including applying scientific methods and skills of finance, management practices, marketing, economics accounting taxes, business principles, inventory, and personal management. Any course not found under this career major/sub code, may be found in another career major/sub code within this program area.

010101 - Advanced Agriculture Economics & Agribiology Management

Grade Level: 10 - 12

Credits: 1

Description: A dual credit course for high school and college credit that describes the theories, principles of sound business and economic practices, including marketing, finance, record keeping, inventories, personal management, tax laws, labor management, future trading, etc.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

010102 - Special Topics, Agribusiness

Grade Level: 9 - 12

Credits: 1-3

Description: Instruction related to Agri-business but not described in above courses.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational

C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

010111 - Agriculture Sales & Marketing

Grade Level: 9 - 12

Credits: 1

Description: A course that describes theories, principles of sound sales and marketing practices including customer relations, displays, advertising, marketing plans, etc.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

010121 - Agriculture Employability Skills

Grade Level: 9 - 12

Credits: 1

Description: A course that describes theories, principles and the application of sound employability skills, including writing resumes, job interview skills, competing applications, dress, appearance, communication skills, etc.

Content: Agriculture**Population:** General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

010131 - Agribusiness/Farm Management

Grade Level: 9 - 12**Credits:** 1-2

Description: A course that describes theories, principles and the application of farm and business management principles including marketing, financial management, economics, record keeping, inventories, futures trading, labor management, etc.

Content: Agriculture**Population:** General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

Agriculture - Ag Mechanics/Engineering (010200)

Career Major- A group of courses that prepare individuals for mechanics and engineering for Agriculture, including design, construction, operation, maintenance, repair, sales and service and marketing machinery, equipment and structures. Any course not found under this career major/sub code, may be found in another career major/sub code within this program area.

010211 - Agriculture Structures & Design

Grade Level: 9 - 12

Credits: 1

Description: A course that describes theories, principles, the application of design and construction of agriculture structures. Includes principles of carpentry, electricity, plumbing, reading blueprints, use and care of tools, safety, etc.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

010212 - Agriculture Power & Machinery Operation

Grade Level: 9 - 12

Credits: 1-2

Description: A course that describes theories, principles and the application of operating, repairing, and maintaining agriculture machinery and equipment. Includes principles of engines, hydraulics, welding, electricity, motor, and safety.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

010231 - Small Power & Equipment

Grade Level: 9 - 12

Credits: 1

Description: A course that describes theories, principles, and the application of operating, repairing, maintaining of power equipment and small engines. Includes welding, sales, marketing and safety.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

010241 - Agriculture Construction Skills

Grade Level: 9 - 12

Credits: 1-2

Description: A course that describes theories, principles, and the application of construction of Agricultural

related. Includes principles of carpentry, electricity, plumbing, material selection, use and care of tools, safety, etc

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

010252 - Special Topics, Ag Mechanics/Engineering

Grade Level: 9 - 12

Credits: 1-3

Description: Instruction related to Ag Mechanics/Engineering but not described in above courses.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

Agriculture - Horticulture (010600)

Career Major- A group of courses that prepare individuals in producing, processing, and marketing plants for ornamental, recreational, and aesthetic purposes and to maintain and manage horticulture enterprises. Introduces the theory, principles and science of horticulture. Any course not found under this career major/sub code, may be found in another career major/sub code within this program area.

010621 - Floriculture & Floral Design

Grade Level: 9 - 12

Credits: 1-2

Description: A course that describes theories, principles and the science of floral production, design and distribution.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

010631 - Landscape & Turf Management

Grade Level: 9 - 12

Credits: 1-2

Description: A course that describes theories, principles and the science of Landscaping and Turf Management. Includes design and drawing, choosing plant materials, maintenance, marketing, etc.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational

CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

010641 - Greenhouse Technology

Grade Level: 9 - 12

Credits: 1-2

Description: A course that describes theories, principles and the science of producing plants and crops within the greenhouse environment. Includes propagation, fertilization, control of pests, marketing, etc.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

010651 - Nursery & Orchard Technology

Grade Level: 9 - 12

Credits: 1-2

Description: A course that describes theories, principles and the science of producing ornamental plants, fruit and nut plants and vegetable production. Includes propagation, nutrition, cultural practices, harvesting, marketing, etc.

Content: Agriculture**Population:** General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

010652 - Special Topics, Horticulture

Grade Level: 9 - 12**Credits:** 1-3**Description:** Instruction related to Horticulture but not described in above courses.**Content:** Agriculture**Population:** General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

Agriculture - Agriscience (020100)

Career Major- A group of courses that describe the theories, principles, and science content of agricultural/life sciences, as related to the food, fiber, & natural resource industries of Agriculture. Also, this career major prepares students for careers in Agriscience, such as Bio-Technology, Veterinary Science, Food Science, Genetics, etc. Any course not found under this career major/sub code, may be found in another career major/sub code within this program area.

020101 - Agriscience Interdisciplinary

Grade Level: 9 - 12

Credits: 1

Description: An interdisciplinary course that counts for Life Science credit for high school graduation. Teaches science through use of agricultural concepts.

Content: Agriscience for Life Science Credit

Population: General

KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
A98	Area Specialization: Agriculture Non-Vocational
B98	Teaching Major: Agriculture Non-Vocational
S901	Approval For Teaching Agricultural Resources
S906	Approval For Teaching Horticulture
S908	Approval For Teaching Agricultural Mechanics
S909	Approval For Teaching Forestry
X90	Emergency Certificate For Teaching Agriculture
A90	Area Specialization: Agriculture Vocational
B90	Teaching Major: Agriculture Vocational
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

020116 - Agri-biology Interdisciplinary

Grade Level: 10 - 12

Credits: 1

Description: An interdisciplinary course that counts for Life Science credit for high school graduation. Teaches biology through use of Agricultural concepts.

Content: Agribiology for Life Science Credit

Population: General

TEBI	Temporary Certificate For Biology, Grades 8-12
B50	Teaching Major: Science
A50	Area Specialization: Science
B54	Teaching Major: Biology-Health

B51	Teaching Major: Biology
C50	Teaching Minor: Science
C51	Teaching Minor: Biology
KBI	Professional Certificate For Teaching Biological Science, Grades 8 Through 12
KBII	Provisional Internship Certificate For Teaching Biological Science, Grades 8 Through 12
R51	Area Specialization: Science Limited To Biology
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WBI	Professional Certificate For Teaching Biological Science, Grades 8 Through 12
WBII	Provisional Internship Certificate For Teaching Biological Science, Grades 8 Through 12
X51	Emergency Certificate For Teaching Biology
COBI	Conditional One-Year Certificate For Biology, Grades 8-12
AJBI	Adjunct Instructor For Biology, Grades 8-12
TPBI	Temporary Provisional Certificate For Biology, Grades 8-12
KBIL	Certificate For Teaching Kentucky Biology Limited, Grades 8-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A98	Area Specialization: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
S901	Approval For Teaching Agricultural Resources
S906	Approval For Teaching Horticulture
S908	Approval For Teaching Agricultural Mechanics
S909	Approval For Teaching Forestry
X90	Emergency Certificate For Teaching Agriculture
A90	Area Specialization: Agriculture Vocational
B98	Teaching Major: Agriculture Non-Vocational
CBI	Professional Certificate For College Faculty, Biology, Grades 8-12
CBII	Provisional Internship Certificate For College Faculty, Biology, Grades 8-12
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
CFBI	Provisional One-Year College Faculty Certificate for Teaching Biological Science, Grades 8-12

020152 - Special Topics, Agriscience

Grade Level: 9 - 12

Credits: 1-3

Description: Instruction related to Veterinary Science but not described in above courses.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12

S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

020160 - Veterinary Science

Grade Level: 9 - 12

Credits: 1-2

Description: This course introduces students to the field of veterinary science. Major topics include veterinary terminology, safety/sanitation, anatomy/physiology, clinical exam, hospital procedures, parasitology, posology, laboratory techniques, nutrition, disease, office management & animal management. Careers are also explored.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

020170 - Food Technology

Grade Level: 9 - 12

Credits: 1

Description: A course describing the science, principles, and practices involved in converting agricultural products into forms suitable for human consumption.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational

COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

020180 - Agri-Biotechnology

Grade Level: 9 - 12

Credits: 1

Description: A course that describes the theories, principles, and science of high-tech agricultural/life science such as genetics, tissue culture, DNA extraction, cloning, etc.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

Agriculture - Production (020200)

Career Major- A group of courses that describe the theories, principles and science of livestock production. Also, prepares students for careers in livestock production. Any course not found under this career major/sub code, may be found in another career major/sub code within this program area.

020201 - Advanced Animal Science

Grade Level: 10 - 12

Credits: 1

Description: A dual credit course for high school and college credit that describes the theories, principles, and science of animal production.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

020211 - Animal Science

Grade Level: 9 - 12

Credits: 1

Description: A course that describes the theories, principles and science of animals and animal products, including nutrition, disease, management, etc

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12

CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

020212 - Animal Technology

Grade Level: 9 - 12

Credits: 1-2

Description: A course that describes the theories, principles and science of animals, including nutrition, reproduction, health, management, etc.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

020221 - Plant, Land Science

Grade Level: 9 - 12

Credits: 1

Description: A course that describes the theories, principles, and science of Agronomy.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
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A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

020222 - Advanced Plant Science

Grade Level: 10 - 12

Credits: 1

Description: A dual credit course for high school and college credit that describes the theories, principles, and science of Agronomy.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

020223 - Crop Technology

Grade Level: 9 - 12

Credits: 1-2

Description: A course that describes the theories, principles, and science of crop production.

Content: Agriculture**Population:** General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

020252 - Special Topics, Production

Grade Level: 9 - 12**Credits:** 1-3**Description:** Instruction related to Production but not described in above courses.**Content:** Agriculture**Population:** General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

020261 - Equine Science

Grade Level: 9 - 12

Credits: 1

Description: A course that describes the theories, principles and science of horse production and management.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

Agriculture - Forestry/Resource Management (030500)

Career Major- A group of courses that prepare individuals for careers involving conserving, improving and using natural resources such as air, water, soil, trees, wildlife, and recreation areas. Describe the theories, principles and science of natural resources. Any course not found under this career major/sub code, may be found in another career major/sub code within this program area.

030511 - Forestry

Grade Level: 9 - 12

Credits: 1

Description: A course describing theories, principles and science of managing, preserving, maintaining, utilizing and harvesting forest assets and forest products.- Study of silviculture practices.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

030512 - Environmental Technology

Grade Level: 9 - 12

Credits: 1

Description: A course describing theories, principles and science of managing, protecting and utilizing natural resources and the environment, including land, air, water, wildlife, trees, etc.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
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A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

030520 - Special Topics, Forestry/Resource Management

Grade Level: 9 - 12

Credits: 1

Description: Instruction related to Forestry/Resource Management but not described in above courses.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

030602 - Advanced Wildlife Management

Grade Level: 10 - 12

Credits: 1

Description: A dual credit course for high school and college credit that describes theories, principles and science of producing, managing, preserving, and improving wildlife resources, including habitat management, harvesting, marketing, etc.

Content: Agriculture**Population:** General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

030611 - Wildlife Resources

Grade Level: 9 - 12**Credits:** 1**Description:** A course describing theories, principles and science of producing, managing, preserving and improving wildlife resources, including habitat management, harvesting marketing, etc.**Content:** Agriculture**Population:** General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

Agriculture - Career Major Electives (030700)

Courses not falling into one of the other career majors/sub codes

030701 - Aquaculture

Grade Level: 9 - 12

Credits: 1

Description: A course describing theories, principles and science of producing fish, sea food, etc, including growth, nutrition, harvesting, marketing, etc.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

030702 - Leadership Dynamics - Agriculture

Grade Level: 9 - 12

Credits: 1/2 - 1

Description: This course is designed to assist students with developing skills needed to be successful leaders and responsible members of society. This student will develop personal attributes and social skills. Emphasis will be placed on interpersonal skills, team building, communication, personal development and leadership. This course will include opportunities for students to apply their knowledge.

Content: Leadership Dynamics

Population: General

Due to the large number of certificates permitted to teach this course, no certificates are listed. Please check the certificate permissions on the EPSB website to verify a teacher's permission to teach this course.

030711 - Agriscience

Grade Level: 9 - 12

Credits: 1

Description: A course that describes the science of the Agricultural food, fiber and natural resources industries.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

030714 - Principles of Agri-Science & Technology, Grade 8

Grade Level: 8 - 8

Credits: 0

Description: A foundational course describing the principles, theories and science of the Agricultural food, fiber natural resources industries.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
PEA	Provisional Elementary Certificate, Grades 1-8
PEB	Provisional Elementary Certificate, Grades 1-8
PEBF	Provisional Elementary Certificate, Grades 1-8
ELE	Endorsement For Elementary School Classroom Teaching, Grades 1-8
SEB	Standard Elementary Certificate, Grades 1-8
SEMF	Standard Elementary Certificate, Grades 1-8
SEM	Standard Elementary Certificate, Grades 1-8
SEA	Standard Elementary Certificate, Grades 1-8
TES	Endorsement For Elementary And Secondary Classroom Teaching
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture

A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

030715 - Principles of Agri-Science & Technology, Grade 9

Grade Level: 9 - 9

Credits: 1

Description: A foundational course describing the principles, theories and science of the Agricultural food, fiber natural resources industries.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

030717 - Agriscience Exploration Grade 6-8

Grade Level: 6 - 8

Credits: 0

Description: A beginning course that describes the science of the Agricultural food, fiber and natural resource industries.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
PEA	Provisional Elementary Certificate, Grades 1-8

PEB	Provisional Elementary Certificate, Grades 1-8
PEBF	Provisional Elementary Certificate, Grades 1-8
ELE	Endorsement For Elementary School Classroom Teaching, Grades 1-8
SEB	Standard Elementary Certificate, Grades 1-8
SEMF	Standard Elementary Certificate, Grades 1-8
SEM	Standard Elementary Certificate, Grades 1-8
SEA	Standard Elementary Certificate, Grades 1-8
TES	Endorsement For Elementary And Secondary Classroom Teaching
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

030721 - Agriculture Communications

Grade Level: 9 - 12

Credits: 1

Description: A course that describes theories, principles and the practice of sound communication skills, including writing, public speaking, non-verbal communication. Includes TV, radio, print, and internet media.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12

030771 - Small Animal Technology

Grade Level: 9 - 12

Credits: 1-2

Description: A course that describes the theories, principles, and science of small animals, including pets, nutrition, health, reproduction, training, etc.

Content: Agriculture

Population: General

KAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12
A90	Area Specialization: Agriculture Vocational
C98	Teaching Minor: Agriculture Non-Vocational
CAGI	Provisional Internship Certificate For College Faculty, Agriculture, Grades 5-12
CAG	Professional Certificate For College Faculty, Agriculture, Grades 5-12
AJAG	Adjunct Instructor For Agriculture, Grades 5-12
TEAG	Temporary Certificate For Agriculture, Grades 5-12
X90	Emergency Certificate For Teaching Agriculture
A98	Area Specialization: Agriculture Non-Vocational
COAG	Conditional One-Year Certificate For Teaching Agriculture, Grades 5-12
TPAG	Temporary Provisional Certificate For Teaching Agriculture, Grades 5-12
B98	Teaching Major: Agriculture Non-Vocational
B90	Teaching Major: Agriculture Vocational
KAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
S906	Approval For Teaching Horticulture
S909	Approval For Teaching Forestry
S901	Approval For Teaching Agricultural Resources
S908	Approval For Teaching Agricultural Mechanics
WAG	Professional Certificate For Teaching Agriculture, Grades 5 Through 12
WAGI	Provisional Internship Certificate For Teaching Agriculture, Grades 5 Through 12